Date Entered Date Updated 26-MAY-04

NOAA Restoration Center

Stonybrook Creek Fish Passage

Project Description

The objective of this project is to complete a conceptual engineering design to remove two barriers to fish passage at public road crossings on Stonybrook Creek. The project will contribute to local efforts to modify road crossings throughout Alameda Creek to open up high quality habitat for salmonids.

Project Nickname	Stonybrook Creek Road Crossing Modifications/AR04		
Location	Fremont, Alameda County, CA, SWR		
Program	Community-based Restoration	**Congressional District**	13
Lat, Long Coordinates	121.9439, 37.6098	**Land Ownership**	Public
Implementation Start Date	01-JAN-04	**Implementation End Date**	
River Basin	Alameda Creek	**HUC**	18050004
Geographic Identifier	S. San Francisco Bay	**USGS Topo Quad**	Niles, CA
Project Status	Planning Stage	**Project Type**	Engineering and Design
Project Status Description	Expected completion of this phase of the design is fall 2004.		
Landmark			
Number of Volunteers		**Volunteer Hours**	
Volunteer Description			
Proposed Project?	N	**Project Closed?**	**FY Completed**

Habitat Information

Type	Acres Created	Acres Re-established	Acres Rehabilitated	Acres Enhanced	Acres Protected	Stream Miles	# Plants/ Animals
stream/river channel							

Species Information

Commonname	Genus	Species	Population Name	NMFS Status	Species Type
Trout, steelhead	*Oncorhynchus*	*mykiss*	Central California Coast	Threatened	animal

Partners

California Coastal Conservancy
Alameda County Public Works Agency

Restoration Techniques

culvert replacement

Contacts

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NOAA Involvement

source of funding

Monitoring Information

Characteristic **Type**
Additional Info

Funding Information

Funding Mechanism	FY Awarded	NOAA Contribution	Partnership Contributio	Total Partnership Contribution
American Rivers	2004	$10,000	$0	$10,000
TOTALS		$10,000	$0	$10,000

Other Non-Federal $ $50,974 **Other Federal $** $0 **Total Project Cost** $60,974

Funding Recipient Center for Ecosystem Management and Restoration

Funding Comments Other Non-federal contribution was estimated from the original project proposal - needs to be confirmed.

Project Abstract

The NOAA Community-based Restoration Program partnered with American Rivers to fund the Stonybrook Creek Fish Passage Design Project. This project, awarded to the Center for Ecosystem Management and Restoration (CEMAR), will help to restore habitat for threatened Central California Coast Steelhead. Stonybrook Creek is a tributary to Alameda creek which drains into southern San Francisco Bay. This project will develop a design which, if implemented, would establish fish passage at two high-priority barriers. Although there are currently three downstream barriers to fish passage, Alameda County currently has permission to move migrating adult steelhead around them and those barriers are planned for removal. Therefore, the removal of the two Stoneybrook Creek barriers that are part of this project will, once implemented, have an immediate positive impact and would open up approximately 3,000 linear feet of anadromous fish habitat in this highly important watershed. Other partners on this project include the, California Coastal Commission, Alameda Creek Alliance, and Alameda County Flood Control and Water Conservation District.